

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 10-817-US)**

In re Application of:	)	
	)	Group Art Unit: 1653
John Crowley, et al.	)	
	)	Examiner: Barnhart, Lora Elizabeth
Serial No: 10/591,118	)	
	)	
Filed: September 28, 2007	)	Confirmation No.: 7739
	)	
Title: Process for Cell Culturing by Continuous	)	
Perfusion and Alternating Tangential	)	
Flow	)	

Mail Stop: **Amendment**  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-14501

**RESPONSE TO OFFICE ACTION MAILED JULY 7, 2011**

Dear Sir,

Please consider the following amendments and remarks in response to the Office Action mailed July 7, 2011. This response is being filed with the requisite fee for a one month extension of time. No further fees are believed to be due. Nevertheless, the Commissioner is authorized to charge any underpayment or credit any overpayment to our deposit account number 13-2490.

Filed concurrently herewith is the Declaration Pursuant to 37 C.F.R. 1.132 of Gerben M. Zijlstra, Ph.D. (the "Zijlstra Declaration").

**Claim Amendments** begin on page 2 of this paper.

**Remarks** begin on page 4 of this paper